

**SECRET****PRIORITY****1**

P 211931Z SEP 67

1967 SEP 21 20 04Z

FM NPIC WASHDC

TO RUCSAAA/SAC OFFUTT AFB OMAHA NE

RUCVAAA/4080 STRAT WG OL 19 BARKSDALE AFB LA

RUCVAAA/2D RTS BARKSDALE AFB LA

RUEPJS/DIA WASHDC

RUCIJRA/NAVRECONTECHSUPPCEN SUITLAND MD

RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF

RUCVAAA/2 AF BARKSDALE AFB LA

INFO RUEPIA/CIA WASHDC

BT

SECRET CITE NPIC 1820.

15TH AF (FOR DI), SAC (GLASS LAMP/DOCR, DM 4) 2D AF (FOR DI).

1. CAMERA SYSTEM 111B, UNIT THREE WAS USED ON MISSION G 982 FLOWN 19 SEPTEMBER 1967.

2. ORIGINAL NEGATIVE:

A. THE ENTIRE MISSION APPEARS UNDEREXPOSED. IN SOME AREAS WHERE THE SHUTTER SPEED WAS AT 80 INCHES PER SECOND, THE DENSITY OF THE ORIGINAL NEGATIVE IS MEDIUM BUT IN MOST CASES THE DENSITY IS LOW.

B. METERING ANOMALIES ARE NOTED BETWEEN FRAMES 770 AND 790. THERE IS NO FORMAT OVERLAPPING BUT IN SOME INSTANCES THERE WAS FILM MOVEMENT DURING EXPOSURE. THE METERING WAS NORMAL THROUGHOUT THE REST OF THE MISSION.

C. THE IMC APPEARS TO HAVE OPERATED SATISFACTORILY THROUGHOUT THE MISSION. IMAGE SMEAR IS NOTED WHERE THE CAMERA AIMING ANGLE WAS CHANGED DURING OPERATION. HOWEVER, NO SMEAR IS APPARENT IN THE LONG TRACK DIRECTION.

D. THE SHUTTER FAILED TO OPEN ON FRAMES 271, 687, AND 782. THE DIGITAL COUNTER REMAINED AT 320 FOR FRAMES 271 AND 272. IN ALL OTHER CASES THE COUNTER WORKED PROPERLY.

E. TWO MODES WERE USED DURING THE MISSION; MODE TWO, WITH A 2.25 SECOND CYCLE TIME, AND MODE FIVE. THE FOLLOWING SHOWS WHEN EACH MODE WAS USED.

FRAME	MODE
001-100	TWO
101-271	FIVE
272-486	TWO
487-634	FIVE
635-691	TWO
692-1682	FIVE

Declass Review by NGA

F. SLIGHT MISTRACKING OCCURRED INTERMITTENTLY THROUGHOUT THE MISSION. THERE IS A BLACK BAND, 0.06 INCH WIDE ON THE TITLED EDGE OF THE FILM BETWEEN FRAMES 778 AND 786. MINOR ABRASIONS ARE ALSO PRESENT; HOWEVER, NO APPARENT IMAGE DEGRADATION IS NOTED.

G. THE 24 HOUR CLOCK IS OUT-OF-FOCUS AND DIFFICULT TO READ.

H. THE RESOLUTION IS NOT UP TO THE CAPABILITIES OF THE SYSTEM. THE ENTIRE MISSION APPEARS SLIGHTLY OUT-OF-FOCUS. THE BEST RESOLUTION IS ESTIMATED [REDACTED]

PLUS ONE SPACE); MOST OF MISSION IS NOT THAT GOOD.

3. POSITIVES:

A. PI SUITABILITY IS FAIR. THE PRIMARY AND SECONDARY TARGETS WERE ACQUIRED SATISFACTORILY; HOWEVER, THE LACK OF SHARP IMAGERY DECREASES THE AMOUNT OF INTELLIGENCE INFORMATION.

B. PRINTING AND PROCESSING ARE GOOD.

C. CLOUDS OBSCURED APPROXIMATELY TEN PERCENT OF THE MISSION.

GP-1

SECRET

END OF MESSAGE

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25X1

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**SECRET**